



Alpen Gleaux Hemp Extract

Sample ID: G0L0340-01

Matrix: Hemp Extracts &

Test ID: 5013180

Source ID:

Date Sampled: 12/15/20

Date Accepted: 12/16/20

Arete Hemp LLC

Potency Analysis

Date/Time Extracted: 12/17/20 16:13

Analysis Method/SOP: 215

Batch Identification: 2051052

Cannabinoids	LOQ (%)	% by Wt.	mg/g	Cannabinoids Profile
Total THC	0.1327	2.634	26.34	<p>73.7</p> <p>THCA 3.0 CBDA 73.7 CBD 1.5 CBDVA 0.4 Total: 78.6</p>
Total CBD	0.0363	66.14	661.4	
THCA	0.0511	3.004	30.04	
delta 9-THC	0.1327	< LOQ	< LOQ	
delta 8-THC	0.0786	< LOQ	< LOQ	
Exo-THC	0.0183	< LOQ	< LOQ	
THCV	0.0885	< LOQ	< LOQ	
THCVA	0.0330	< LOQ	< LOQ	
CBD	0.0272	1.549	15.49	
CBDA	0.0363	73.65	736.5	
CBDV	0.0875	< LOQ	< LOQ	
CBDVA	0.0287	0.4216	4.216	
CBN	0.0524	< LOQ	< LOQ	
CBG	0.0138	< LOQ	< LOQ	
CBGA	0.0138	< LOQ	< LOQ	
CBC	0.0157	< LOQ	< LOQ	
Total Cannabinoids		78.63	786.3	

Total THC = delta 9-THC + (THCA * 0.877)

Total CBD = CBD + (CBDA * 0.877)

Total CBG = CBG + (CBGA * 0.878)

LOQ=Limit of Quantification, the lowest measurable concentration of an analyte.



Eric Wendt
Chief Science Officer - 12/19/2020

All QC samples met acceptance criteria of the method; data available upon request. These results relate only to the sample included on this report. The report may not be reproduced except in full, without the written permission of Green Leaf Lab.

This is for informational testing and is not compliance testing. Lab results apply to the sample as received.



Alpen Gleaux Hemp Extract

Sample ID: G0L0340-01

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Test ID: 5013180

Source ID:

Date Sampled: 12/15/20

Date Accepted: 12/16/20

Arete Hemp LLC

Terpene Analysis

Date/Time Extracted: 12/17/20 16:13

Analysis Method/SOP: 204

Monoterpenes	%	mg/g	Monoterpenes	%	mg/g
Camphene	< LOQ	< LOQ	Camphor	< LOQ	< LOQ
3-Carene	0.1306	1.306	alpha-Cedrene	< LOQ	< LOQ
Cedrol	< LOQ	< LOQ	Endo-fenchyl alcohol	0.009151	0.09151
Eucalyptol	< LOQ	< LOQ	Fenchone	< LOQ	< LOQ
Geraniol	< LOQ	< LOQ	Geranyl acetate	< LOQ	< LOQ
Hexahydrothymol	< LOQ	< LOQ	Isoborneol	< LOQ	< LOQ
Isopulegol	< LOQ	< LOQ	Limonene	0.4606	4.606
Linalool	0.02700	0.27	p-Mentha-1,5-diene	0.1010	1.01
beta-Myrcene	1.135	11.35	alpha-Pinene	0.2624	2.624
beta-Pinene	0.2452	2.452	Pulegone	< LOQ	< LOQ
Sabinene	< LOQ	< LOQ	Sabinene hydrate	< LOQ	< LOQ
gamma-Terpinene	0.08859	0.8859	alpha-Terpinene	0.1021	1.021
Terpineol	0.02941	0.2941	Terpinolene	4.012	40.12
B Y-Terpineol	< LOQ	< LOQ	Nerol	< LOQ	< LOQ
A-Terpineol	0.04668	0.4668	Borneol	< LOQ	< LOQ
Ocimene isomer II	0.3702	3.702	Ocimene isomer I	< LOQ	< LOQ
Sesquiterpenes	%	mg/g	Sesquiterpenes	%	mg/g
alpha-Bisabolol	0.4487	4.487	beta-Caryophyllene	1.320	13.2
Caryophyllene Oxide	< LOQ	< LOQ	Guaiol	< LOQ	< LOQ
alpha-Humulene	0.3901	3.901	trans-Nerolidol	< LOQ	< LOQ
Valencene	< LOQ	< LOQ	cis-Nerolidol	< LOQ	< LOQ
Total Terpenes	9.150	91.5			

<LOQ - Results below the Limit of Quantitation - Terpenes profile/analysis are not accredited to ORELAP TNI 2009 Quality Standards.